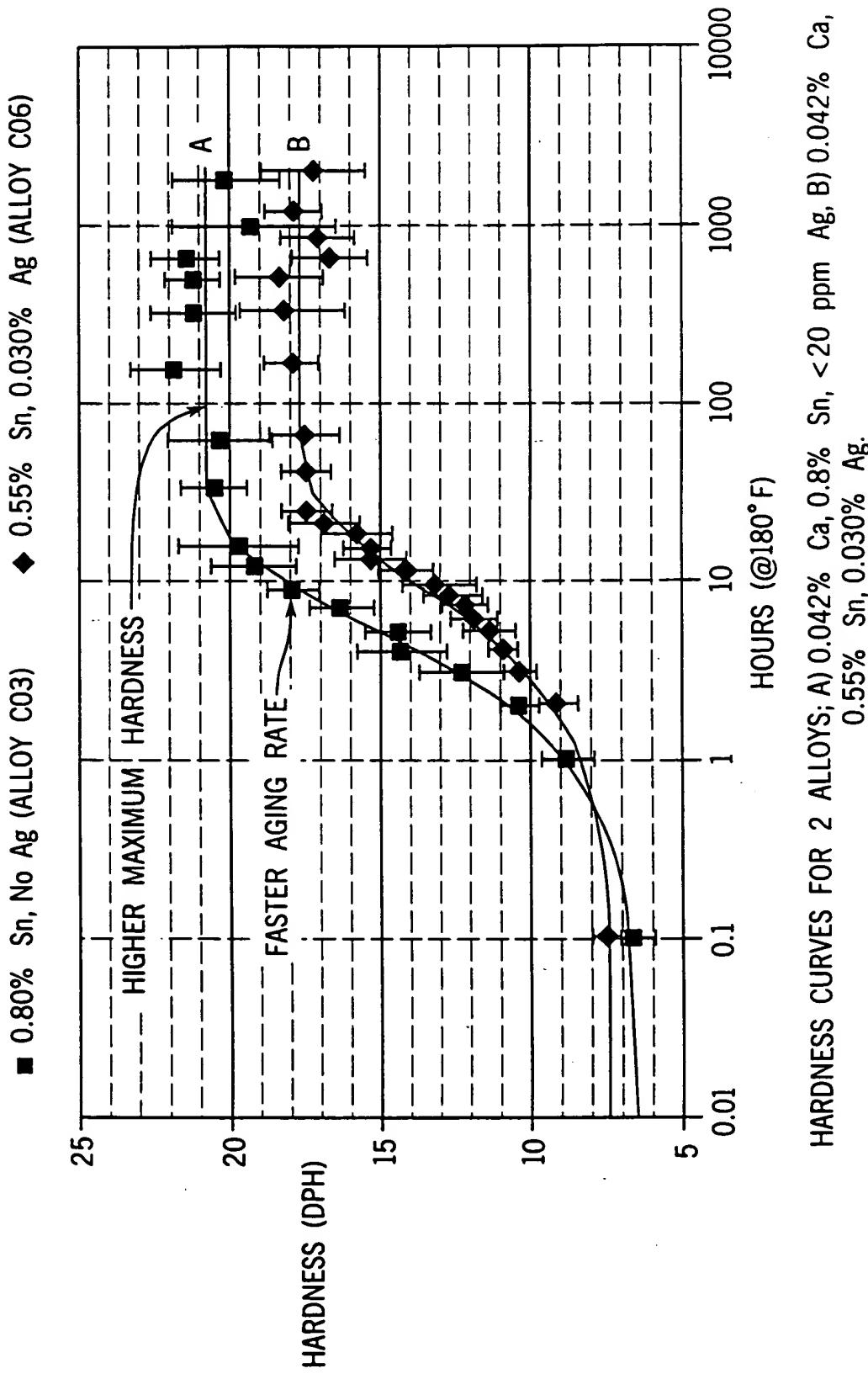
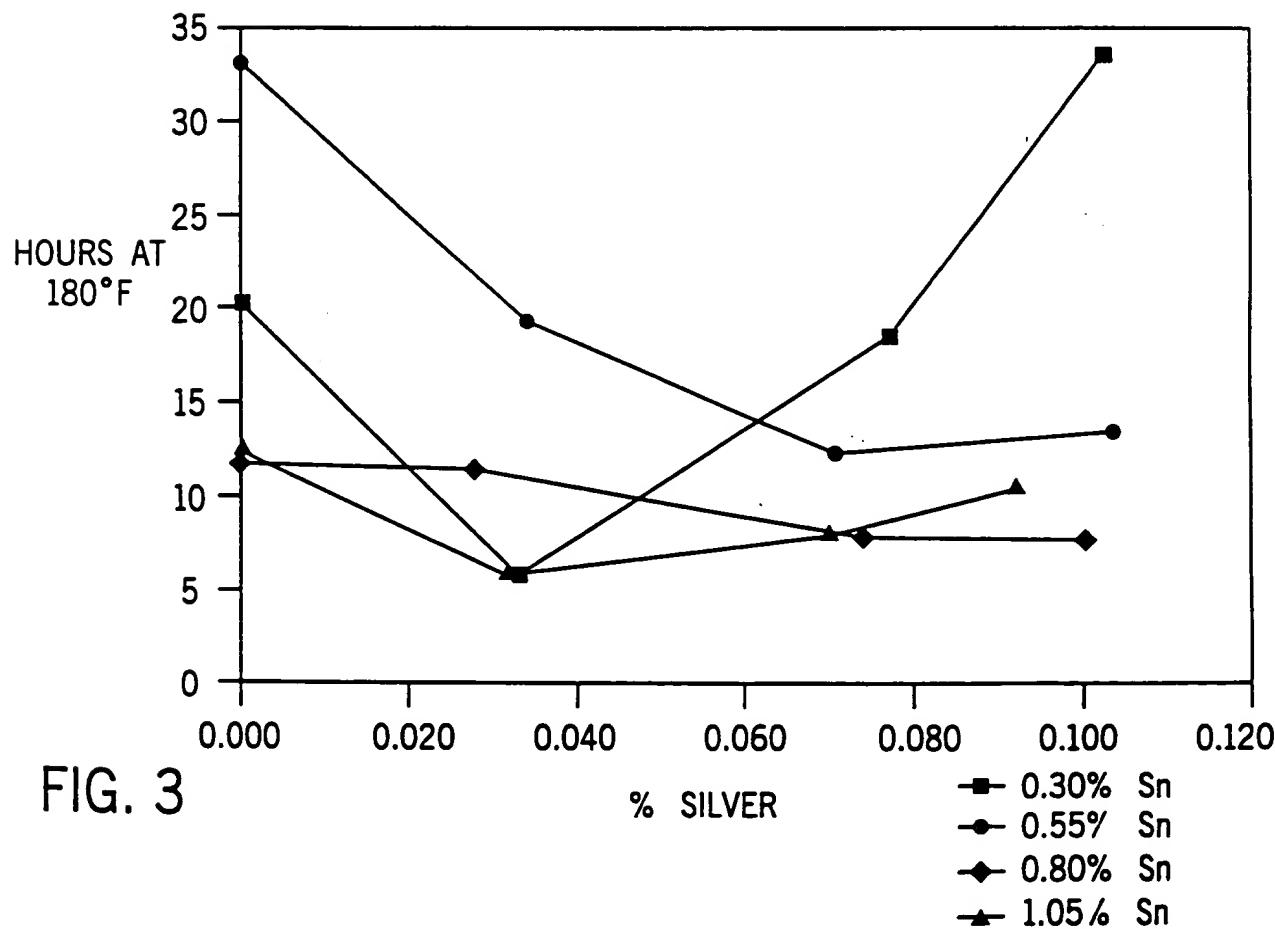
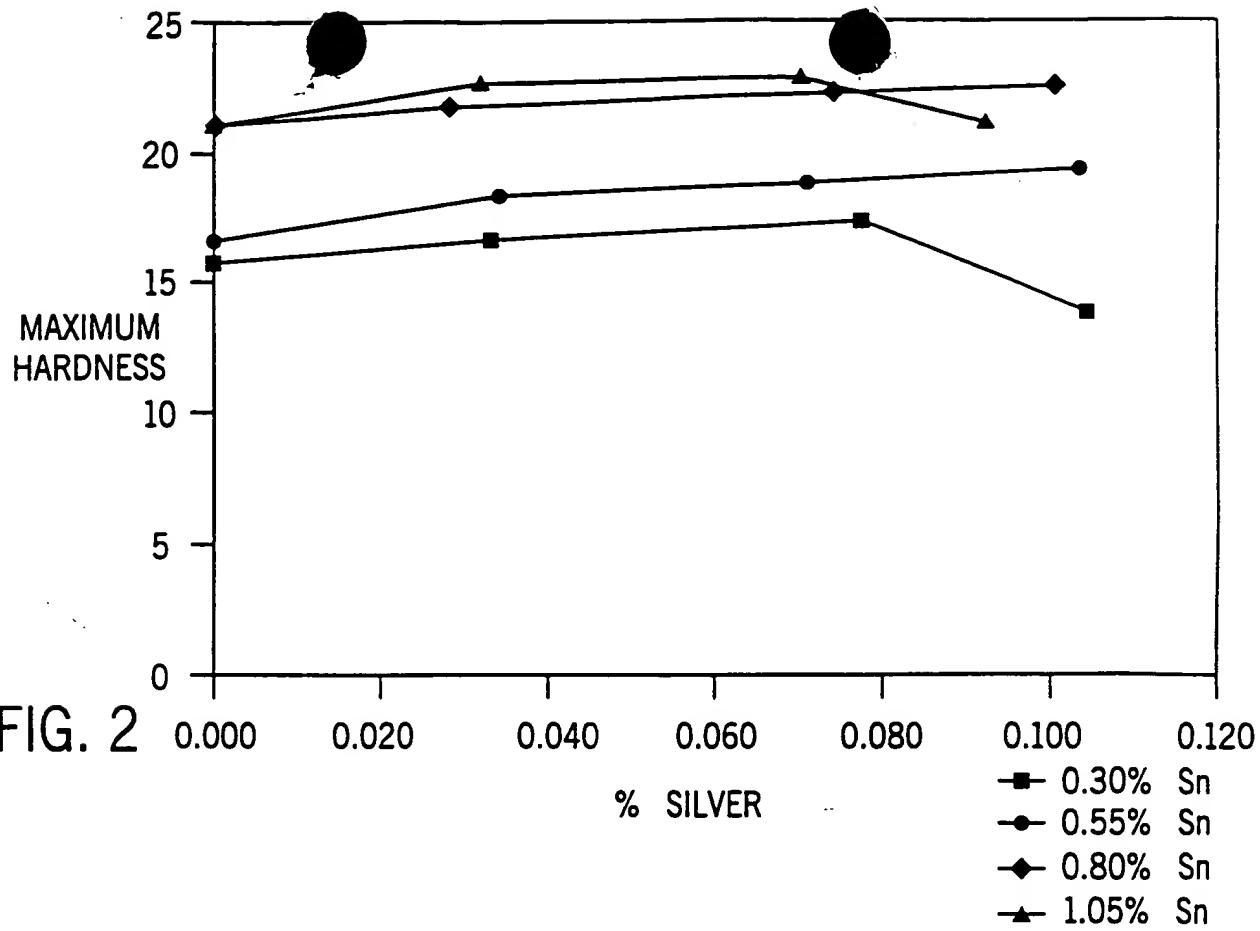
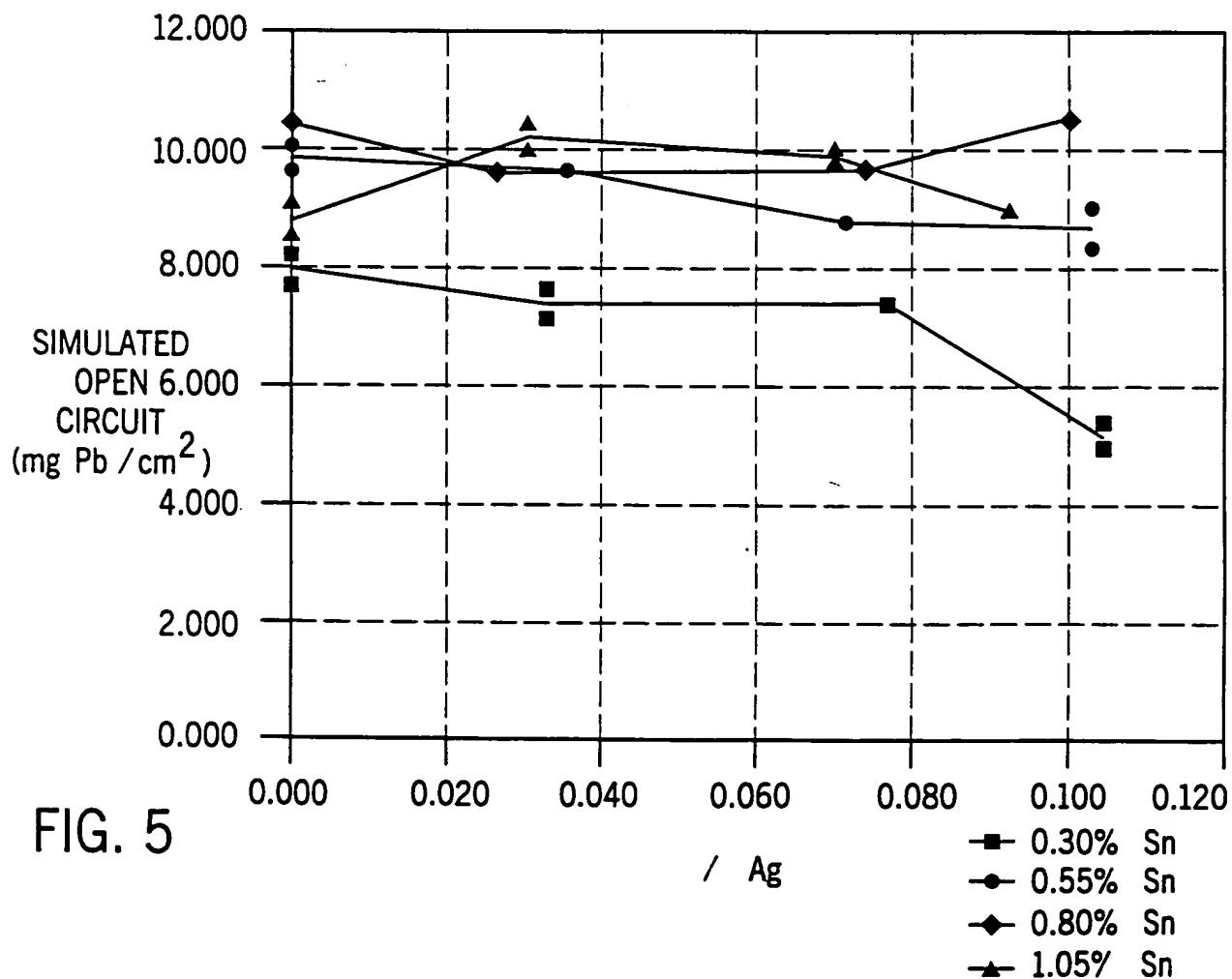
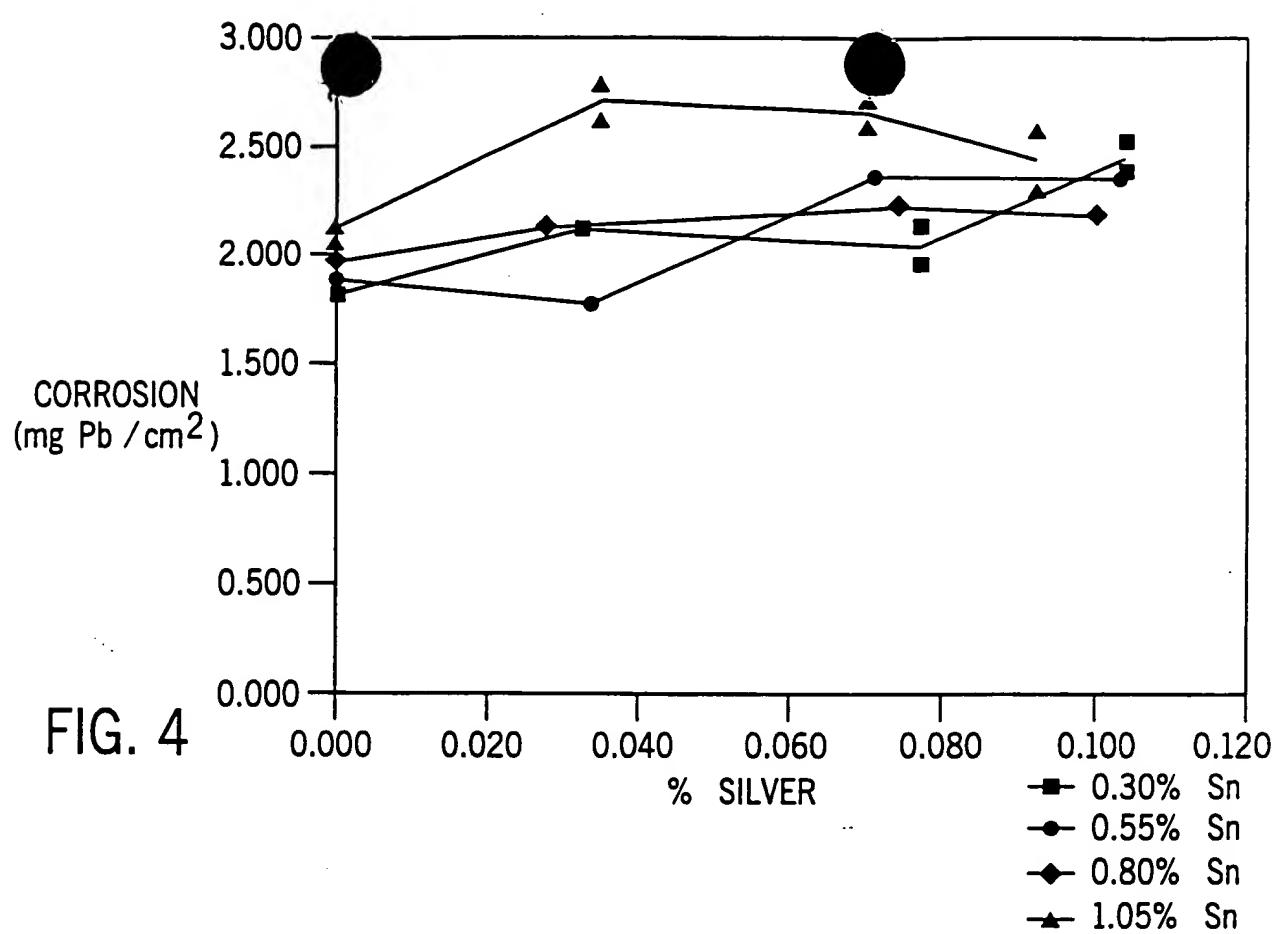


FIG. 1







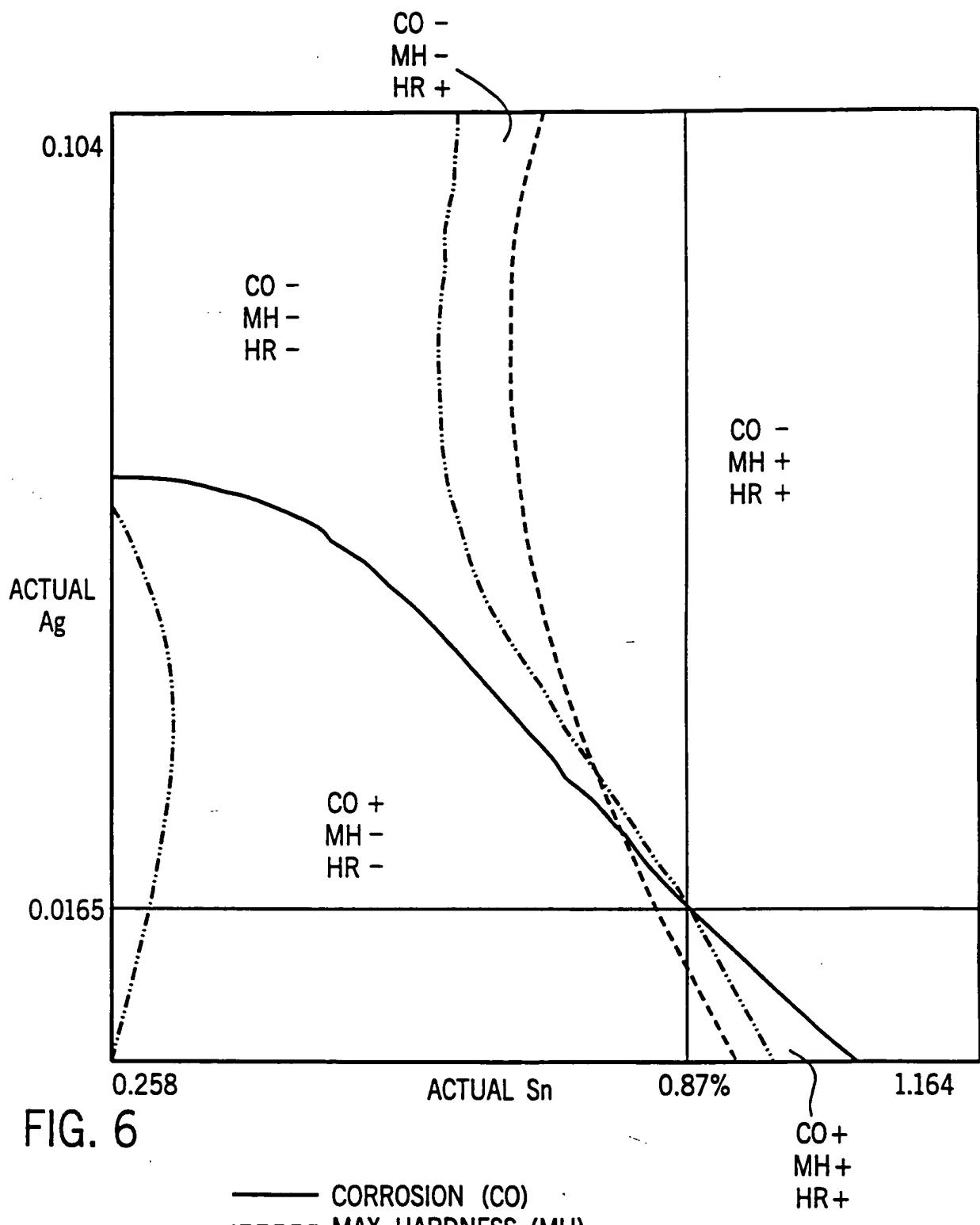


FIG. 6

— CORROSION (CO)
 - - - MAX. HARDNESS (MH)
 ... HARDENING RATE (HR)

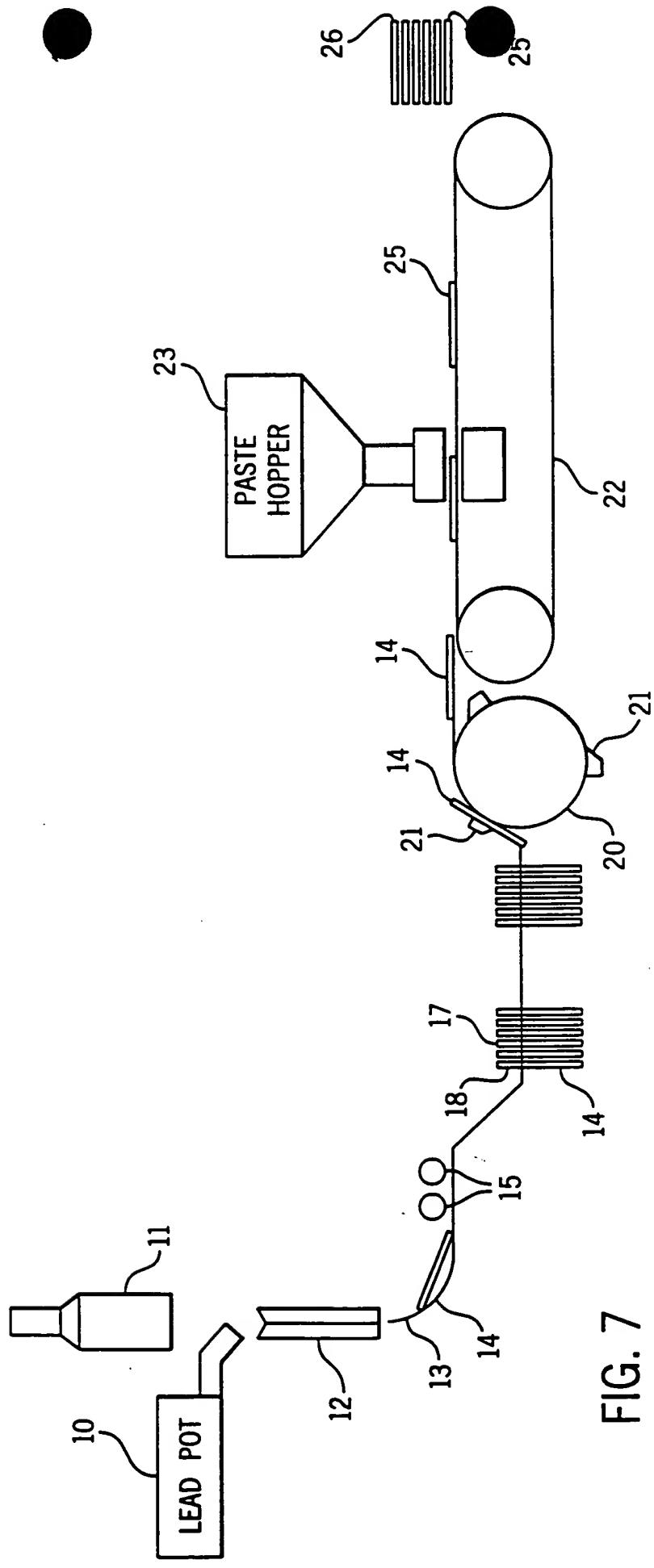


FIG. 7

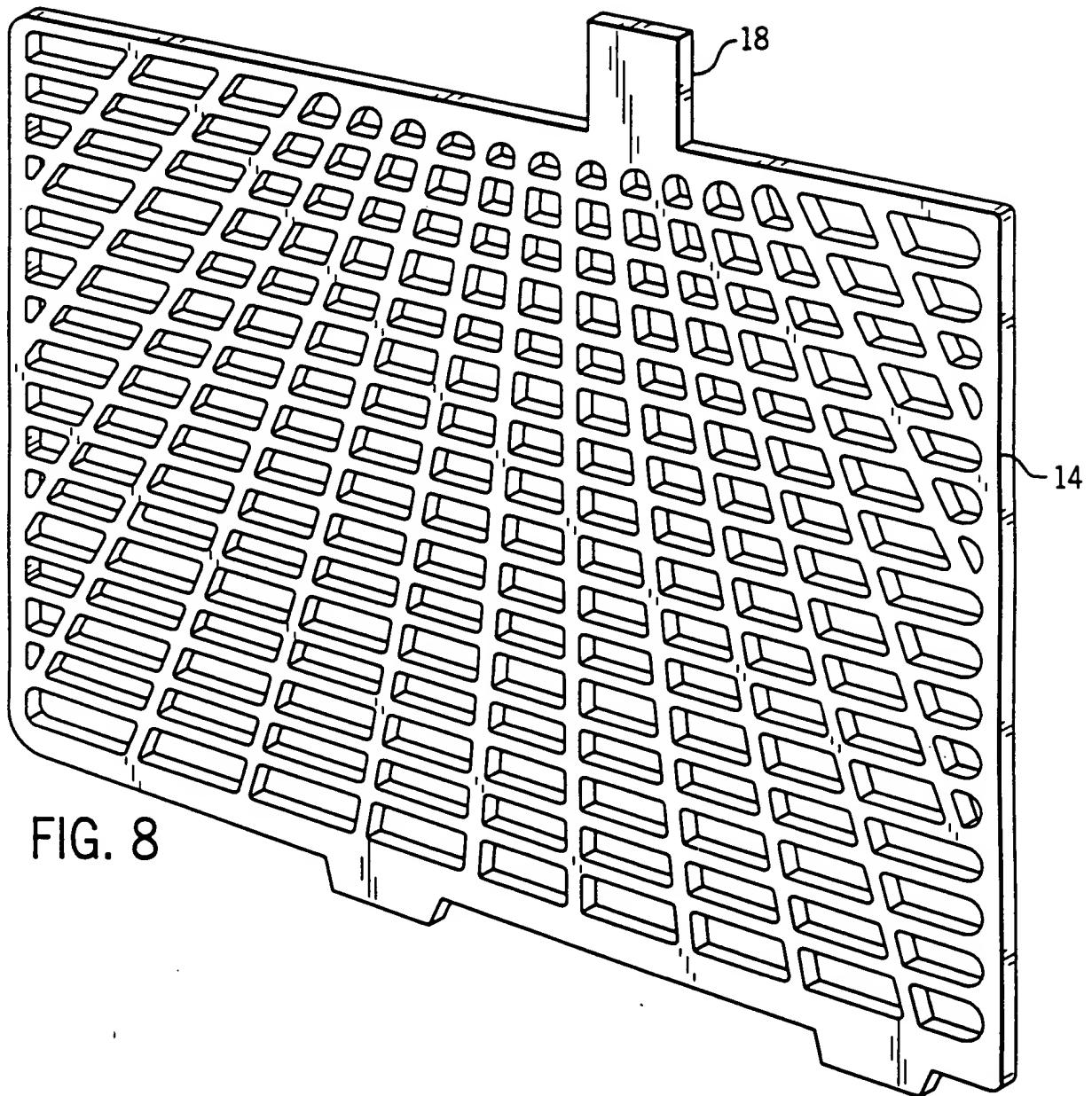


FIG. 8

+

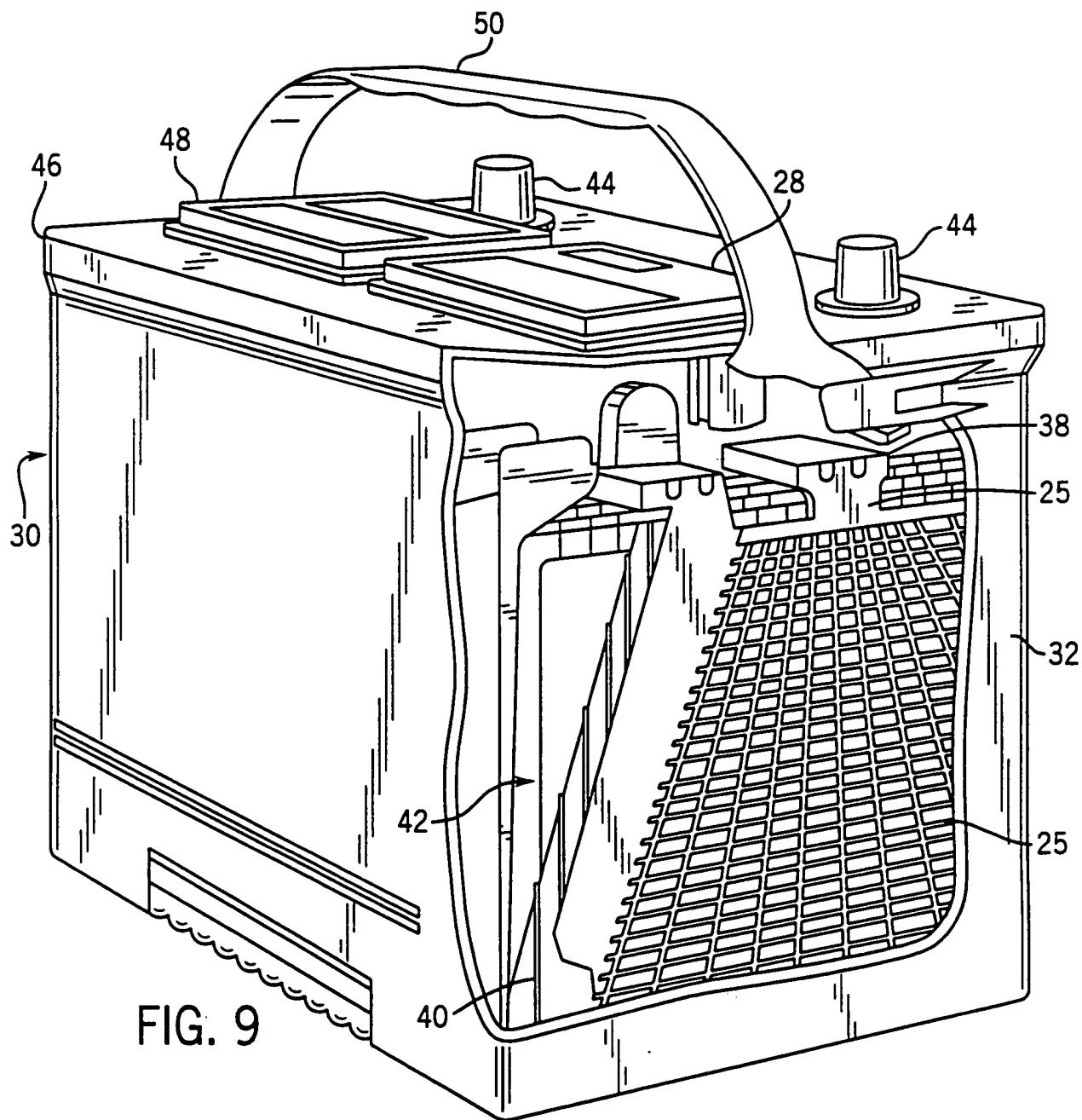


FIG. 9

+

Figure 10

GRID CRACKING STUDY - 0.8 % TIN

All alloy contain fixed 0.8% Sn
Ag-Cntnt Grids with
Cracks(%)

| | |
|--------|------|
| 0.012 | 6.0 |
| 0.013 | 12.0 |
| 0.0144 | 18.0 |
| 0.0174 | 32.0 |
| 0.0197 | 38.0 |
| 0.022 | 44.0 |
| 0.0295 | 43.4 |

GRID CRACKS VS SILVER CONTENT

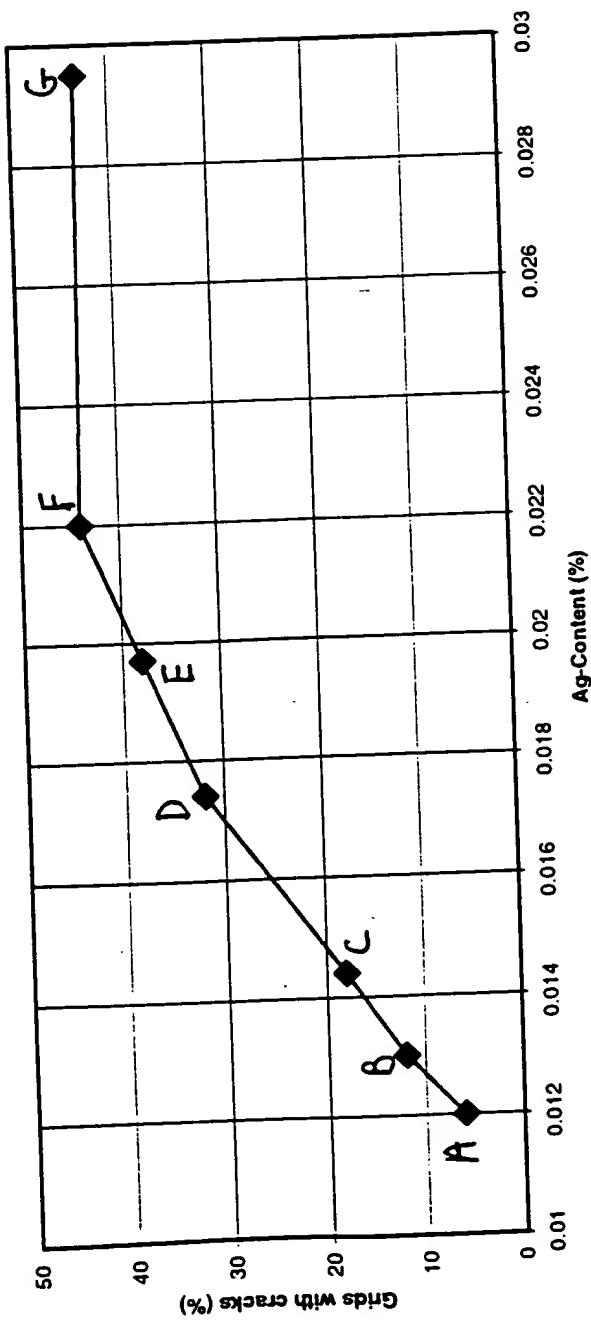


Figure 1

GRID CRACKING STUDY - 1.1% TIN

All grids contain fixed 1.1% Sn
Ag-Cntent (%) Grids with Cracks (%)

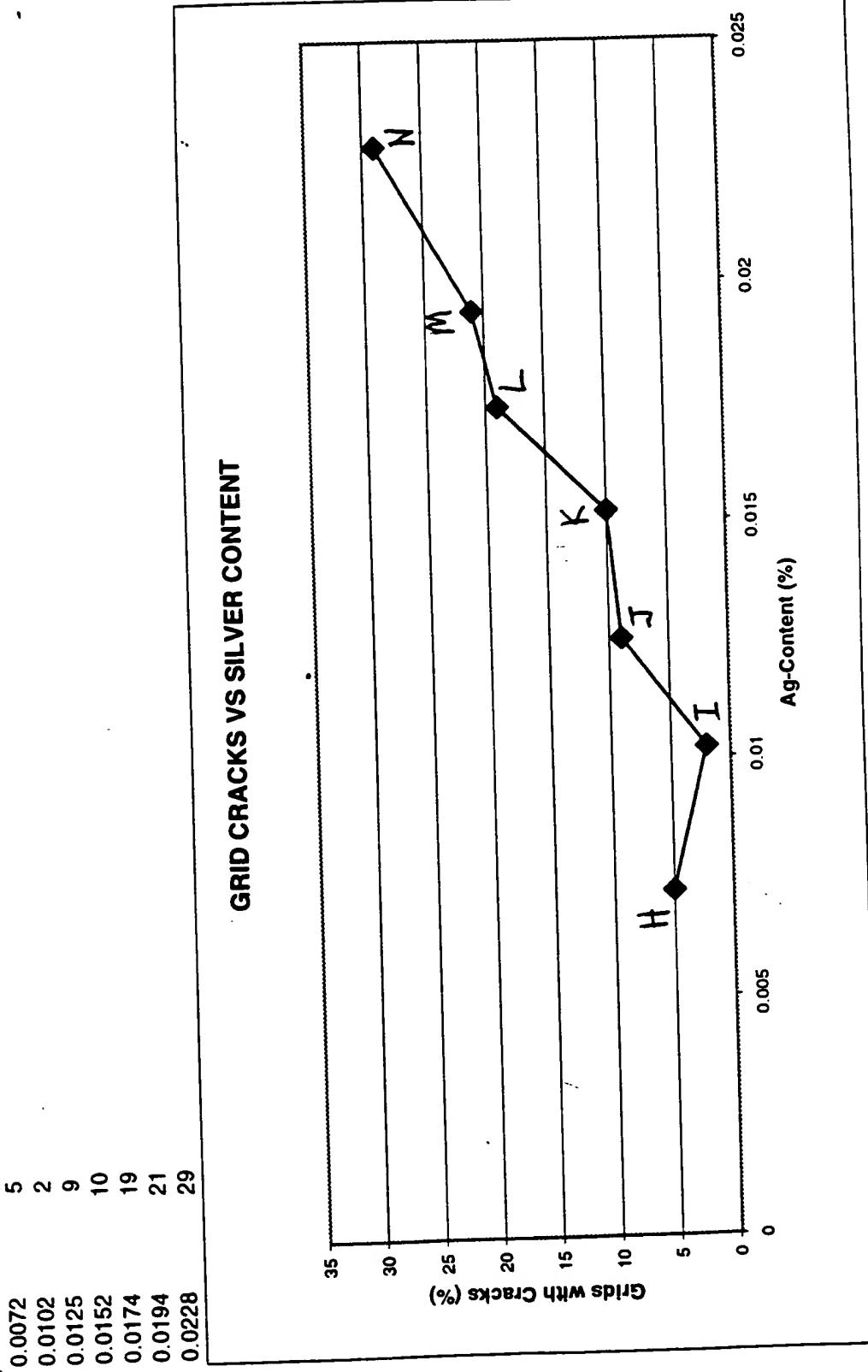


Figure 12

Bare grid corrosion test (60°C , $d=1.10 \text{ g/cm}^3$)
influence of tin to 100ppm silver alloy on intergranular corrosion

